

An MPPT algorithm for PV systems based on a simplified photo-diode model

Restrepo, Carlos; Gonzalez-Castano, Catalina; Munoz, Javier; **Chub, Andrii**; Vidal-Ildiarte, Enric; Giral, Roberto IEEE Access 2021 / p. 33189-33202 <https://doi.org/10.1109/ACCESS.2021.3061340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A review of communication protocols and control strategies in DC microgrids : an experimental validation focus

Veliz, Antonio; Riffo, Sebastian; Restrepo, Carlos; Rivera, Marco; Garces-Ruiz, Alejandro; **Chub, Andrii**; Gonzalez-Castano, Catalina; Flores-Bahamonde, Freddy 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p <https://doi.org/10.1109/CPE-POWERENG58103.2023.10227442>